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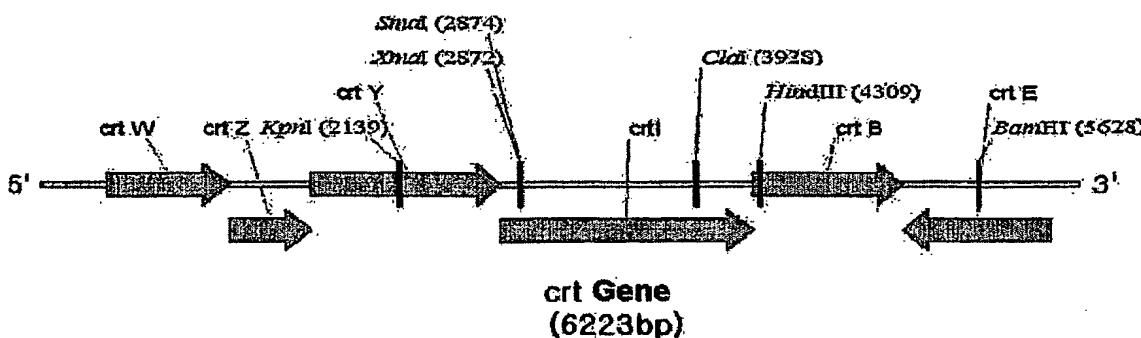
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(54) Title: GENE INVOLVED IN THE BIOSYNTHESIS OF CAROTENOID AND MARINE MICROORGANISM, PARACOCUS HAEUNDAENSIS, PRODUCING THE CAROTENOID



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(57) Abstract: The present invention relates to a gene involved in the biosynthesis of carotenoid and a marine microorganism producing the carotenoid, more particularly to a gene represented by Seq ID. No. 5, 7, 9, 11, 13 and 15 which encoding the protein needed to biosynthesis of carotenoid and a marine microorganism, Paracoccus haeundaensis, producing the carotenoid. Since the gene and the microorganism can effectively be used for, the massive-production of carotenoid.